



Science fun after school is back in the new year -- 2012! The Cool Science Club is a partnership of the schools, parents and community to provide **fun, hands-on, experiment-driven projects** in science, technology, engineering and mathematics (STEM) that offer kids an opportunity to dig deeper into their world and enrich the way they look at it. A Club Scientist will lead the five-session exploration of a single topic and will be assisted by a Young Scientist (grades 8-12).

Grades K+1+2 Try This Out! SOLIDS, Liquids and Gases, OH MY! Young scientists will learn how everyday materials interact with each other in a fun, scientific way. It's fun all the time learning about the states of matter!

Grades K+1+2 VERY Popular! Water, Water Everywhere! Learn about which objects float or sink and why, the pH of water, the states of matter of water, create oobleck and much more.

Grades K+1+2+3 Brand NEW Topic! Wicked Gross Anatomy. Bury into your body's organs, dig into your digestive system, take a look at your eyes, connect your ankle bone to your shin bone, and figure out how fresh air ends up on your inside. You will enter the world of gross and weird anatomy! We'll learn about Organized Organs, Digestion, The Eyes Have it, Bona Fide Bones, and Lungs.

Grades 1+2+3 New & Improved! LEGOs® in Motion. Come make vehicles that can travel 50 feet under their own power. See if you can create a vehicle that goes the longest distance, pulls a heavy load, moves like lightning or crawls at turtle speed. Students will learn how to build race cars, airplanes, and amusement park thrill rides using LEGO® pieces that move with gears and a motor while discussing key engineering and physics concepts.

Grades 4+5+6 BRAND New Topic! Be a \$tockbroker! Learn how the stock market works by playing in a virtual stock game. Match your business knowledge against your friends' and see who wins. Students will learn how to track, trade, buy, short-sell stocks of their choice after researching them using online stock tools and websites.

Grades 4+5+6 Long-time Favorite! Launching Inventions. Terry Murray challenges young inventors to overcome gravity as they invent, build and launch new and different objects into space – suitable for rookies or veterans of prior sessions.

- Five-week session held on **Wednesdays**, beginning on **Wed., January 11, 2012:** 1/11, 1/18, 1/25, 2/1, 2/8
- 3:30 – 5:00 pm at the McCall Middle School. 12-14 children per Club grade grouping.
- \$95 fee for five-week session. Scholarships are available. Registration is on a first-come, first-served basis.
- For more info, contact Lanie Higgins, Cool Science Club Director and Middle School Science Coordinator, at 781-729-7157, Lhiggins@winchester.k12.ma.us

Student Name _____ Grade _____ School _____

Tell us your child's preferred grade-appropriate club **by using 1 and 2 to indicate first and second choice:**

- | | |
|--------------------------------------------------------------------------------|-------------------------------------------------------------------|
| <input type="checkbox"/> Grades K+1+2 SOLIDS, Liquids and Gases, OH MY! | <input type="checkbox"/> Grades 4+5+6 Be a \$tockbroker! |
| <input type="checkbox"/> Grades K+1+2 Water, Water Everywhere! | <input type="checkbox"/> Grades 4+5+6 Launching Inventions |
| <input type="checkbox"/> Grades K+1+2+3 Wicked Gross Anatomy | |
| <input type="checkbox"/> Grades 1+2+3 LEGOs® in Motion | |

☐ I have enclosed a check for \$95 payable to the Winchester Public Schools. I understand that registration is on a first-come, first-served basis. Please mail form/payment to Lanie Higgins, McCall Middle School, 458 Main St., Winchester, MA 01890

Parent Name _____ Signature _____

Address _____ Email _____ Phone _____

BELOW AND ON THE BACK OF THIS FORM, please list important information about your child's medical history and behavioral concerns, including allergies. Also, does your child require any special needs during the school year (i.e. an aide)? >>>

☐ no concerns or allergies or special needs